

**LIQUID DETERGENT COMPOSITION**

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**Inventor:** FURUSAWA TOMOYOSHI; OYAMA NOBUHIRO  
**Applicant:** LION CORP  
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**Abstract of JP2003105380**

**PROBLEM TO BE SOLVED:** To provide a detergent composition containing a specific fatty acid glycol ester as a pearl gloss-imparting agent in or a detergent for the body or the hair.

**SOLUTION:** This liquid detergent composition comprises the fatty acid glycol ester satisfying the following conditions (1) to (3). The condition (1): the fatty acid glycol ester is represented by general formula (I):  $R_1CO-(O-A)_m-O-X$  [wherein  $R_1$  is an 12-22C alkyl group; A is  $C_2H_4$  or  $C_3H_6$  group; X is hydrogen atom or  $R_1CO$  group; m is 1-10]. The condition (2): the fatty acid glycol ester comprises a mono ester or a diester and contains the mono ester and the diester in a weight ratio of (0.01%:99.9%) to (10.0%:90.0%). The condition (3): The fatty acid of the fatty acid glycol ester comprises palmitic acid and stearic acid and contains the palmitic acid and stearic acid in a weight ratio of (80:20) to (40:60) and further, the fatty acid glycol ester is a dialkyl ester. In the liquid detergent composition, the pearl gloss is stable for a long period to temporal influence and external factors such as temperature change in summer season or winter season.



〔式 (I) 中、 $R_1$  は 12~22 個の炭素原子をもつアルキル基であり、  
 A は  $-C_2H_4-$  または  $-C_3H_6-$  の基であり、X は水素原子又は  
 $R_1CO-$  基であり、m が 1~10 の数である。〕

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